

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6339595").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/02/14 07:23
L2	1	("6775239").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/02/14 07:23
L3	1	2 and control	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/14 07:25
L7	2	"20040208196"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/14 07:48
L8	2	7 and without	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/14 07:48
S1	13556	SONET	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 08:37
S2	296241	Encapsulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/20 15:53

## EAST Search History

S3	2190	S1 and S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/20 15:53
S4	24943	DCC	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/20 15:53
S5	64	S3 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/20 16:17
S6	239	d1-d12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/20 16:17
S7	18	((("20010012289") or ("6169754") or ("6507561") or ("6011802") or ("7006536") or ("5315594") or ("20060168181") or ("20020103926") or ("20040177169")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/21 11:24
S8	9	((("20010012289") or ("6169754") or ("6507561") or ("6011802") or ("7006536") or ("5315594") or ("20060168181") or ("20020103926") or ("20040177169")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2007/07/21 11:24
S9	135917	SONET or (Fiber adj optic\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 10:09

## EAST Search History

S10	356	(Control adj Data) and (Data adj Communication adj Channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 10:10
S11	596	(Control adj (Data information)) and (Data adj Communication adj Channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 10:10
S12	139	S9 and S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 10:12
S13	267969	overhead	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 10:12
S14	102	S12 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 10:12
S15	2340	"370/465".CCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/23 10:44
S16	155941	D1	US-PGPUB; USPAT	OR	OFF	2007/07/23 10:44
S17	94	S15 and S16	US-PGPUB; USPAT	OR	OFF	2007/07/23 10:45
S18	0	("2006/0168181").URPN.	USPAT	OR	OFF	2007/07/23 10:58
S19	0	("2004/0177169").URPN.	USPAT	OR	OFF	2007/07/23 10:59
S20	2	("2002/0103926").URPN.	USPAT	OR	OFF	2007/07/23 10:59
S21	1	("2001/0012289").URPN.	USPAT	OR	OFF	2007/07/23 11:06
S22	5	("5062105"   "6457080"   "6616350"   "6822975").PN. OR ("7006536").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/23 11:03

## EAST Search History

S23	30	("20010012289"   "4319273"   "4321703"   "4449247"   "4516240"   "4594708"   "4685105"   "4763319"   "4764921"   "4771425"   "4835768"   "4893306"   "4967405"   "5001708"   "5018132"   "5040170"   "5134614"   "5142529"   "5144297"   "5150243"   "5185736"   "5189410"   "5220563"   "5247518"   "5265096"   "5315594"   "5355238"   "5471476"   "5623357"   "6256326").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/23 11:06
S24	72	("4648088"   "4825206"   "4853927"   "4884263"   "4956835"   "5070497"   "5146452"   "5173689"   "5189662"   "5212475"   "5218601"   "5233600"   "5235599"   "5319632"   "5325366"   "5435003"   "5455832"   "5479608"   "5493273"   "5495471"   "5537532"   "5548639"   "5586112"   "5590118"   "5590119"   "5598403"   "5623481"   "5636203"   "5636206"   "5646936"   "5657320"   "5680326"   "5710777"   "5721727"   "5734687"   "5748611"   "5748617"   "5757774"   "5781535"   "5802144"   "5812524"   "5832196"   "5838660"   "5841759"   "5850505"   "5852600"   "5862125"   "5862362"   "5867689"   "5875172"   "5933422"   "5943314"   "5986783"   "5991338"   "5999286"   "6021113"   "6026073"   "6026077"   "6044064"   "6049529"   "6061735"   "6104695"   "6108309"   "6137775"   "6154448"   "6167025"   "6337846").PN. OR ("6507561").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/23 11:11
S25	43	("4213201"   "5040170"   "5179548"   "5307353"   "5315594"   "5365518"   "5390164"   "5416772"   "5465252"   "5473611"   "5526344"   "5550805"   "5663949"   "5857092").PN. OR ("6011802").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/23 11:20
S26	8	("4967405"   "5001708"   "5018132"   "5040170"   "5134614"   "5142529"   "5144297"   "5220563").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/23 11:33

## EAST Search History

S27	85	sonet and inserter	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/23 15:41
S28	60	S27 and overhead	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/23 12:36
S29	853	S9 and (transmission adj equipment)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/23 12:37
S30	859	S9 and (transmission adj equipment)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 12:38
S31	24	S30 and S11	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 12:43
S32	273	S30 and S13	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 12:49
S33	5	S32 and S15	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 12:43
S34	3	("7002986").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 13:19
S35	1154	sonet and adaptive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 13:19
S36	6782	Protocol near2 conversion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 09:24
S37	92	S35 and S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 13:31

## EAST Search History

S38	3282	Sonet and Receiver and transmitter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 13:32
S39	1285	S38 and "370".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 13:32
S40	564	S39 and ((control adj information) (control adj data))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 13:34
S41	7	S40 and inserter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 13:57
S42	5255	extract\$3 near7 (control\$4 adj (information data))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 13:58
S43	9455	transmission adj equipment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 14:42
S44	50	S42 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 13:59

## EAST Search History

S45	48	S42 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2007/07/23 13:59
S46	58	inserter near7 (control\$4 adj (information))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 14:54
S47	16	injector near7 (control\$4 adj (information))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 14:54
S48	15	((("20010012289") or ("6169754") or ("5315594") or ("20040177169") or ("20020103926") or ("7158517") or ("7002986"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 15:42
S49	7	((("20010012289") or ("6169754") or ("5315594") or ("20040177169") or ("20020103926") or ("7158517") or ("7002986"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2007/07/23 16:18
S50	1	S49 and ((data adj communication adj Channel) DCC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 15:46
S51	27197	((data adj communication adj Channel) DCC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 15:46

## EAST Search History

S52	457	S51 and sonet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 15:47
S53	25	S52 and extractor\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 15:48
S54	20	S52 and (extract\$4 near7 (control\$4 adj (data information)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 16:01
S55	49	S51 and (extract\$4 near7 (control\$4 adj (data information)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 16:01
S56	0	S55 not S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 16:01
S57	29	S55 not S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 16:01
S58	0	(data adj extrat\$3) same (data adj insert\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 16:19



## EAST Search History

S59	0	(data adj extrat\$3) and (data adj insert\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 16:19
S60	14736	(data adj extrat\$3) (data adj insert\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 17:05
S61	932835	Sonet (fiber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 16:19
S62	1600	S60 and S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 16:20
S63	32	S62 and ((data adj communication adj channel) DCC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 16:33
S64	2	("6580731").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 16:42
S65	2	("6731654").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 16:42

## EAST Search History

S66	0	different near4 prototcol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 17:05
S67	17747	different near4 protocol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 17:06
S68	291	S60 and S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 17:06
S69	126	S68 and (sonet fiber (fiber adj optic\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/23 17:06
S70	2	("20030091057").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 16:04
S71	0	Insert adj extracted adj control adj information	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 08:49
S72	181	Insert adj extracted	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 08:49

## EAST Search History

S73	13569	Sonet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 08:50
S74	4	S72 and S73	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 08:57
S75	39272	First adj location	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 08:57
S76	213	S75 and S73	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 08:57
S77	56	S76 and insert	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 08:58
S78	34	S77 and extract	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 09:15
S79	1	S77 and (extract adj control)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 09:15

## EAST Search History

S80	9511	(control adj (information data)) same independent\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 09:25
S81	375	S73 and S80	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 09:26
S82	334	S81 and protocol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 09:27
S83	12	S82 and ((1st first) adj location)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 09:36
S84	1	("20070133616").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 10:12
S85	17764	different near4 protocol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 10:12
S86	356724	Insert\$4 and Extract\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 10:18

## EAST Search History

S87	3073	S85 and S86	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 10:19
S88	297	S87 and Sonet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 10:19
S89	226	S88 and (Control near2 (data information))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 10:19
S90	210	S88 and (Control adj (data information))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 10:28
S91	1	S90 and D1-D3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 10:28
S92	1	S90 and D1-D12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 10:29
S93	48	S86 and D1-D12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 10:29

## EAST Search History

S94	3906	(Transfer\$4 transport\$4) adj control adj (data information)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 10:48
S95	108	S73 and S94	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 11:32
S96	2	("2002171274").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 15:39
S97	2	("20040208196").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 09:47
S98	11	("1206099").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 10:47
S99	2	("20030091057").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 10:47
S10 0	2	("20030091057").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 14:58

## EAST Search History

S10 1	1	("6775239").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/02/13 14:45
S10 2	2	"20040208196"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 15:24
S10 3	2	S102 and without	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 16:06
S10 4	1	("6339595").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/02/13 16:32